

TITLE: INTEGRAL TURBINE COMPONENT COMPOSED OF SINGLE CRYSTAL AIRFOILS  
WITH CONTROLLED CRYSTALLOGRAPHIC MISORIENTATION BETWEEN ADJACENT AIRFOILS

INVENTOR: THOMAS E. STRANGMAN, et al.

DOCKET: H0004563

ATTY: ROBERT DESMOND; PHONE: (602) 365-2588

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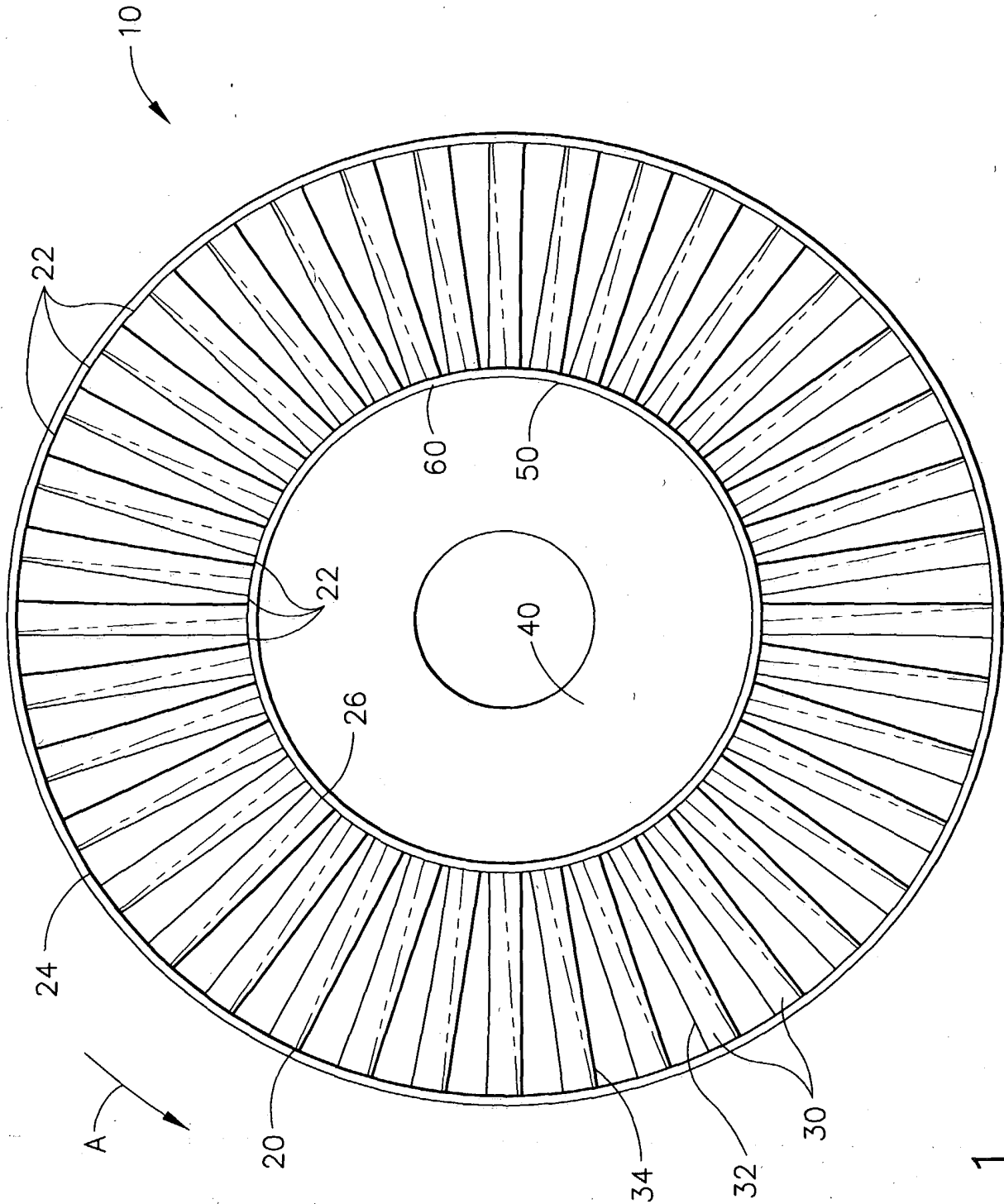


FIG. 1



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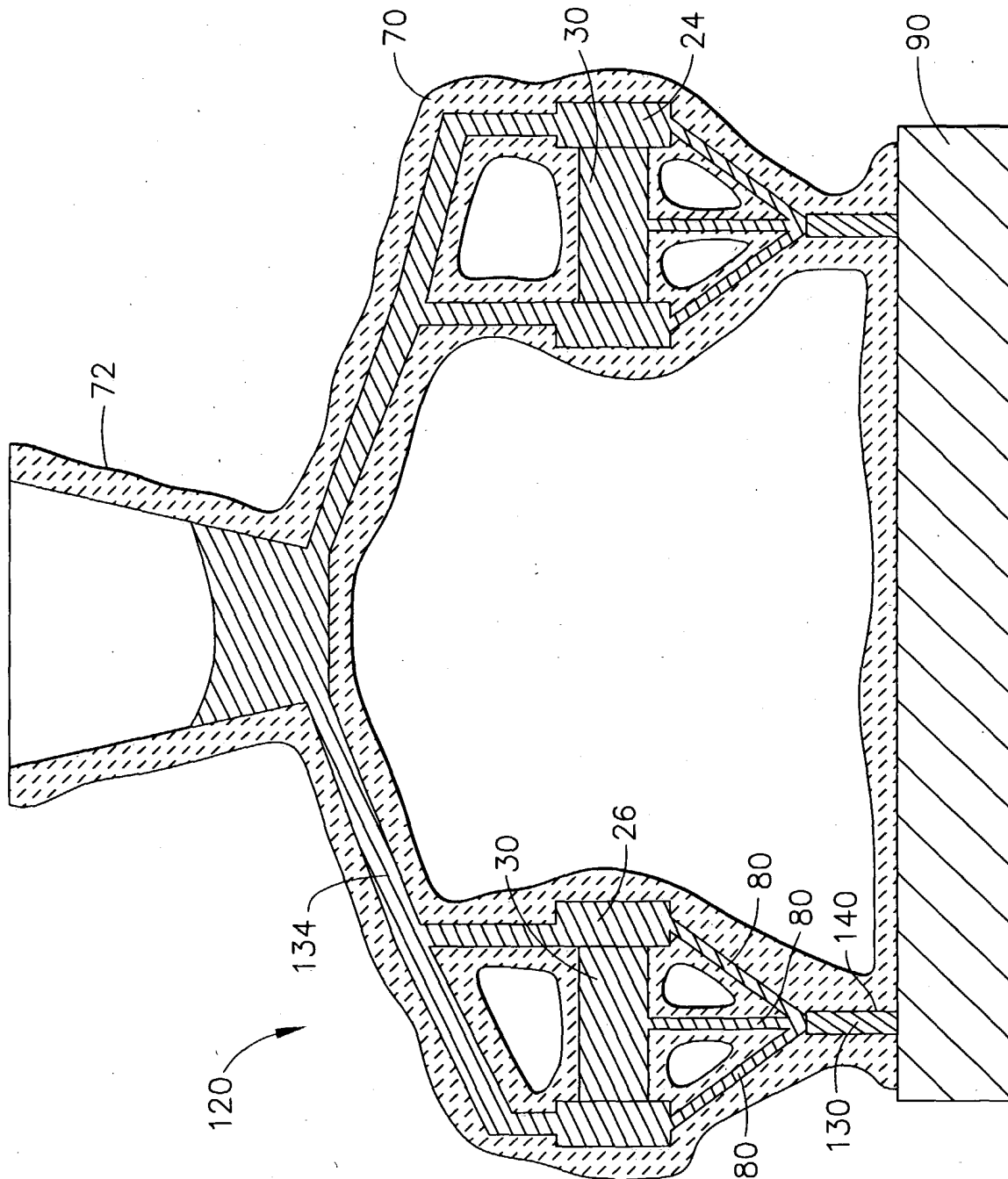


FIG. 2



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This cross-sectional view shows a mechanical assembly with a central cavity 30. The assembly is composed of several layers and structural features. A base layer 24 is at the bottom, with a layer 26 above it. A central vertical structure 60 is shown with a double-headed arrow indicating its extent. The top of the assembly features a complex structure with layers 80 and 130, and a top surface 90. A curved arrow 231 points to the upper right portion of the assembly.

FIG. 3



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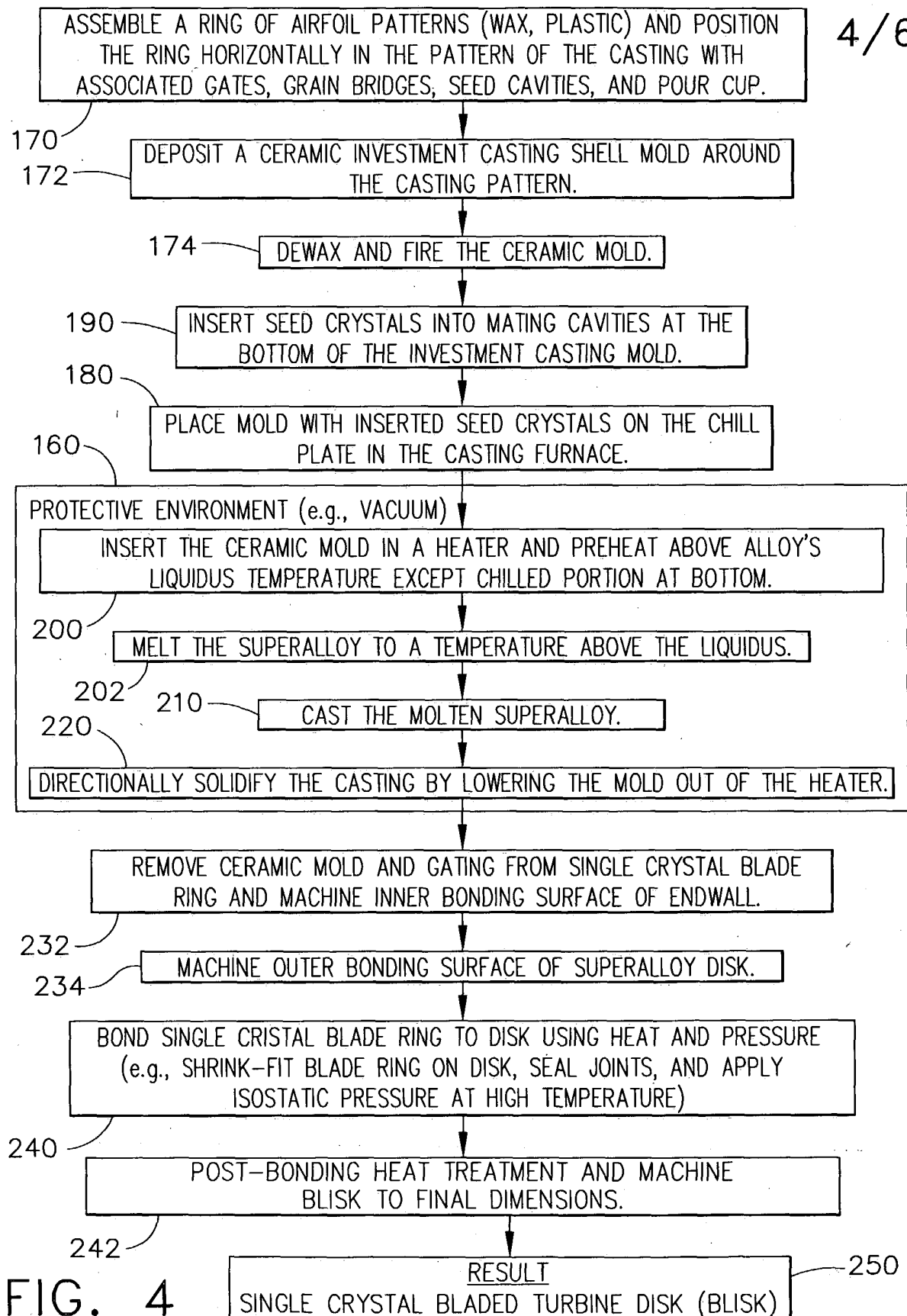


FIG. 4



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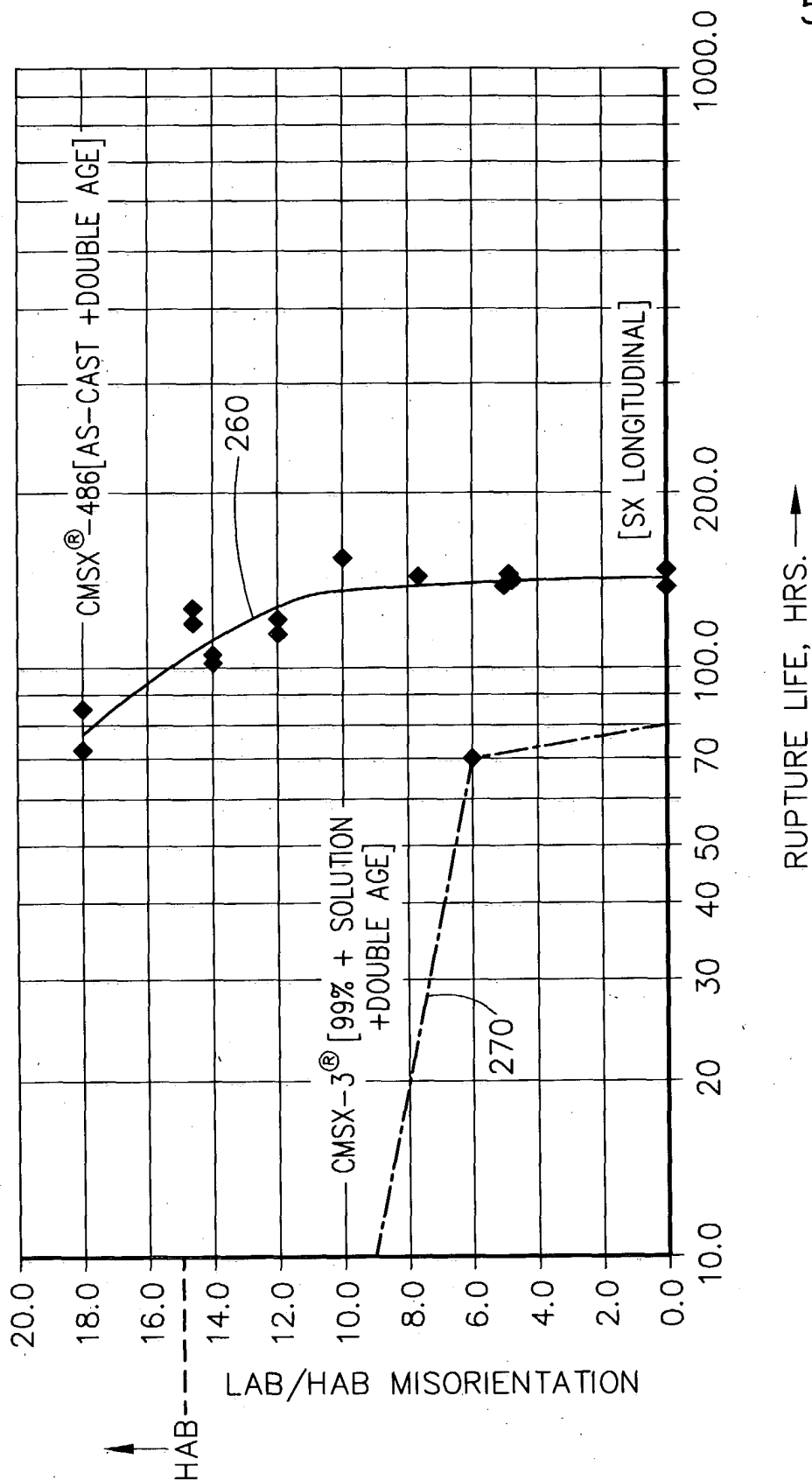


FIG. 5



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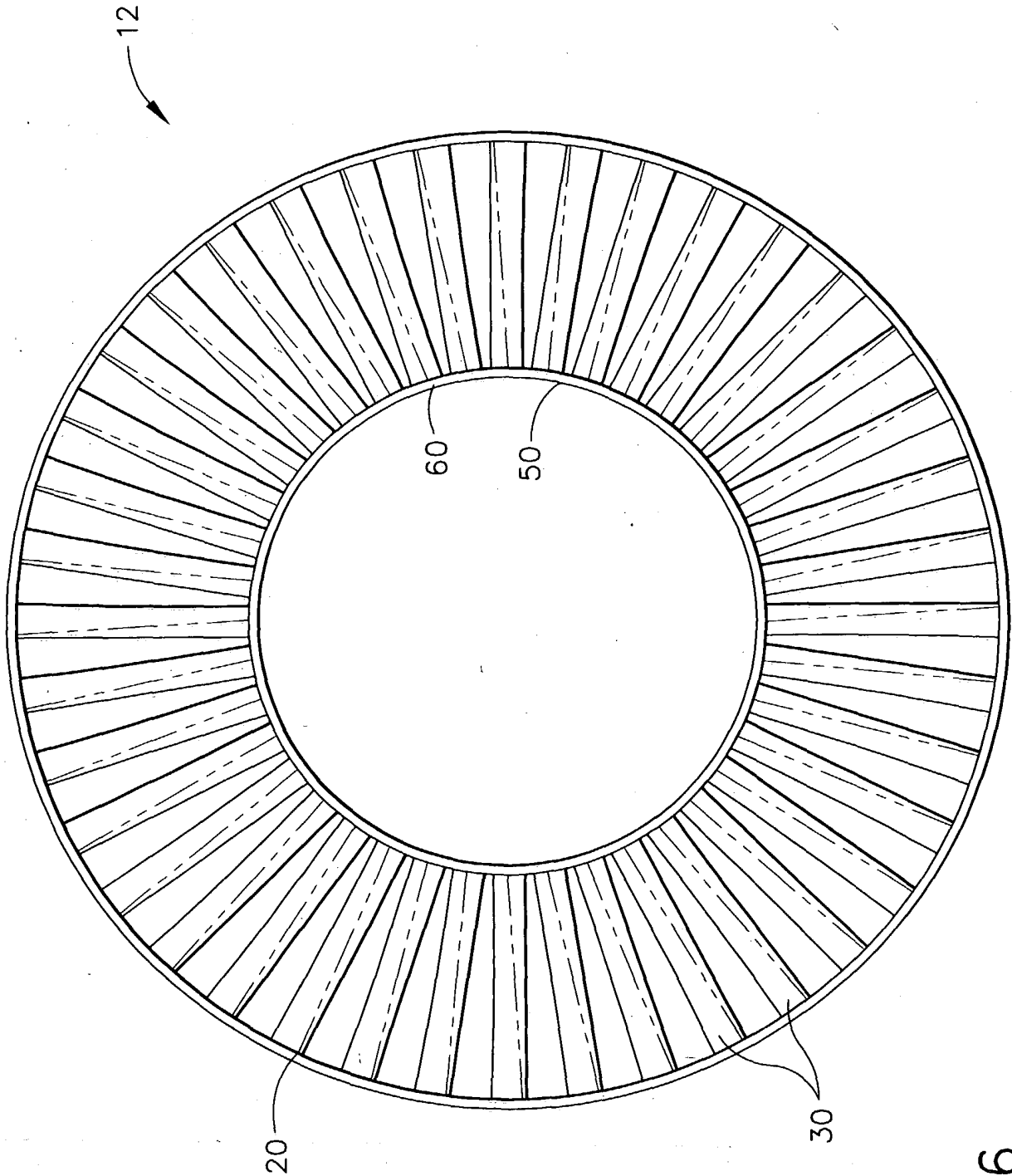


FIG. 6